

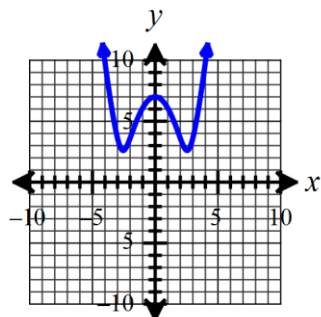
SM3H 4.4 odd answers

1a. $d(x) = \sqrt{x^4 - 13x + 49}$

1b. $d = 7$

1c. $d = \sqrt{37} \approx 6.08$

1d.



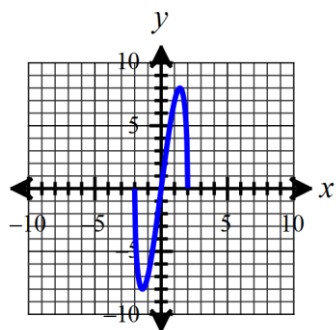
1e. 3.5

3. $A(x) = \frac{1}{2}x^4$

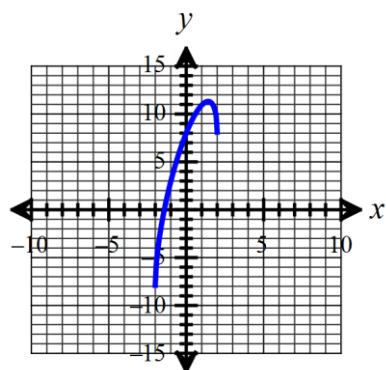
5a. $A(x) = 4x\sqrt{4 - x^2}$

5b. $P(x) = 4\sqrt{4 - x^2} + 4x$

5c. 1.41



5d. 1.41



7a. $d(t) = \sqrt{2500t^2 - 360t + 13}$

7b. 0.072